

**CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD
SAN FRANCISCO BAY REGION**

ORDER NO. 98-014

AMENDMENT OF SITE CLEANUP REQUIREMENTS CONTAINED IN ORDER
NO. 92-024 FOR:

SALINAS REINFORCING, INC. AND LOX EQUIPMENT COMPANY

for the property located at

**355 SOUTH VASCO ROAD
LIVERMORE
ALAMEDA COUNTY**

The California Regional Water Quality Control Board, San Francisco Bay Region (hereinafter Board), finds that:

1. Board Order No. 92-024, as amended by Order No. 93-077, requires investigation and cleanup of petroleum hydrocarbon and VOC pollution at the property located at 355 South Vasco Road, Livermore, California.
2. Provision 8 of Order No. 92-024 requires the dischargers to submit quarterly compliance reports covering the following topics:
 - a. a summary of work completed since the previous report,
 - b. identification of potential problems which will cause or threaten to cause noncompliance with the adopted Orders,
 - c. documentation of events of noncompliance and reasons therefore, and a plan for achieving compliance,
 - d. well construction data, cumulative groundwater levels and chemical analysis results presented in tabulated form for all site monitoring wells,
 - e. raw chemical analysis results for all site monitoring wells, and
 - f. a schedule of sampling frequency and type of analytic test method(s) to be used for all site monitoring wells, updated as appropriate.

The order does not include a Self-Monitoring Program (SMP) or a provision allowing the Executive Officer to revise the SMP. Such a provision would be consistent with other similar orders adopted by the Board.

3. The dischargers have requested reduced groundwater monitoring requirements, based on decreasing concentrations of Total Petroleum Hydrocarbon as Gasoline (TPH-G) and Benzene, Toluene, Ethylbenzene and Xylene (BTEX) in several wells. Reduced monitoring is justified for some groundwater monitoring wells.

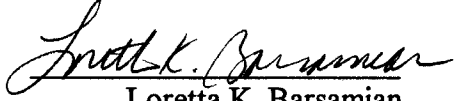
4. This action is an order to enforce the laws and regulations administered by the Board. As such, this action is categorically exempt from the provision of the California Environmental Quality Act (CEQA) pursuant to Title 14, Section 15321 of the California Code of Regulations.

IT IS HEREBY ORDERED, pursuant to Water Code Section 13304, that Site Cleanup Order No. 92-024 shall be further amended as follows:

- A. Provision 8 is revised to read as follows:

Self-Monitoring Program: The dischargers shall comply with the Self-Monitoring Program as attached to this Order and as may be amended by the Executive Officer.

3.25.98
Date


Loretta K. Barsamian
Executive Officer

Attachment

**CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD
SAN FRANCISCO BAY REGION**

SELF-MONITORING PROGRAM FOR:

**SALINAS REINFORCING, INC. AND
LOX EQUIPMENT COMPANY**

for the property located at

**355 SOUTH VASCO ROAD
LIVERMORE
ALAMEDA COUNTY**

1. **Authority and Purpose:** The Board requests the technical reports required in this Self-Monitoring Program pursuant to Water Code Sections 13267 and 13304. This Self-Monitoring Program is intended to document compliance with Board Order No. 92-024 as amended by Order Nos. 93-077 and 98-014.
2. **Monitoring:** The dischargers shall measure groundwater elevations quarterly in all monitoring wells, and shall collect and analyze representative samples of groundwater according to the following schedule:

Well #	Sampling Frequency	Analyses	Well #	Sampling Frequency	Analyses
MW-1	Quarterly	8010	2R14	Semi-annually	8010 + 8020 + 8015
MW-2	Quarterly	8010	EW-2	Quarterly	8010
MW-3	Quarterly	8010	EW-3	Quarterly	8010
2R3	Quarterly	8010	2K4	Quarterly	8010
2R3	Semi-annually	8010 + 8020 + 8015	2R13 (EW-1)	Quarterly	8010
2R4	Quarterly	8010	2R13 (EW-1)	Semi-annually	8010 + 8020 + 8015
2R5	Quarterly	8010	2Q2	Quarterly	8010
2R5	Semi-annually	8010 + 8020 + 8015	2R8	Quarterly	8010
2R14	Quarterly	8010			

Key: 8010 = EPA Method 8010 or equivalent
8015 = EPA Method 8015 or equivalent
8020 = EPA Method 8020 or equivalent
8010 + 8020 + 8015 = All three EPA methods for second and fourth quarters; EPA Method 8015 should be performed with the carbon chain analysis

The dischargers shall sample any new monitoring or extraction wells quarterly and analyze groundwater samples for the same constituents as shown in the above table. The dischargers may propose changes in the above table; any proposed changes are subject to Executive Officer approval.

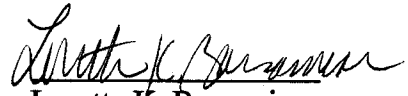
3. **Quarterly Monitoring Reports:** The dischargers shall submit quarterly monitoring reports to the Board no later than 30 days following the end of the quarter (e.g. report for first quarter of the year due 4/30). The next quarterly monitoring report shall be due on 4/30/98. The reports shall include:
 - a. **Transmittal Letter:** The transmittal letter shall discuss any violations during the reporting period and actions taken or planned to correct the problem. The letter shall be signed by the dischargers' principal executive officer or their duly authorized representative, and shall include a statement by the official, under penalty of perjury, that the report is true and correct to the best of the official's knowledge.
 - b. **Groundwater Elevations:** Groundwater elevation data shall be presented in tabular form, and a groundwater elevation map should be prepared for each monitored water-bearing zone. Historical groundwater elevations shall be included in the fourth quarterly report each year.
 - c. **Groundwater Analyses:** Groundwater sampling data shall be presented in tabular form, and an isoconcentration map should be prepared for one or more key contaminants for each monitored water-bearing zone, as appropriate. The report shall indicate the analytical method used, detection limits obtained for each reported constituent, and a summary of QA/QC data. Historical groundwater sampling results shall be included in the fourth quarterly report each year. The report shall describe any significant increases in contaminant concentrations since the last report, and any measures proposed to address the increases. Supporting data, such as lab data sheets, need not be included (however, see record keeping - below).
 - d. **Groundwater Extraction:** If applicable, the report shall include groundwater extraction results in tabular form, for each extraction well and for the site as a whole, expressed in gallons per minute and total

groundwater volume for the quarter. The report shall also include contaminant removal results, from groundwater extraction wells and from other remediation systems (e.g. soil vapor extraction), expressed in units of chemical mass per day and mass for the quarter. Historical mass removal results shall be included in the fourth quarterly report each year.

- e. **Status Report:** The quarterly report shall describe relevant work completed during the reporting period (e.g. site investigation, interim remedial measures) and work planned for the following quarter.
- 4. **Violation Reports:** If the dischargers violate requirements in the Site Cleanup Requirements, then the dischargers shall notify the Board office by telephone as soon as practicable once the dischargers have knowledge of the violation. Board staff may, depending on violation severity, require the dischargers to submit a separate technical report on the violation within five working days of telephone notification.
- 5. **Other Reports:** The dischargers shall notify the Board in writing prior to any site activities, such as construction or underground tank removal, which have the potential to cause further migration of contaminants or which would provide new opportunities for site investigation.
- 6. **Record Keeping:** The dischargers or their agent shall retain data generated for the above reports, including lab results and QA/QC data, for a minimum of six years after origination and shall make them available to the Board upon request.
- 7. **SMP Revisions:** Revisions to the Self-Monitoring Program may be ordered by the Executive Officer, either on his/her own initiative or at the request of the dischargers. Prior to making SMP revisions, the Executive Officer will consider the burden, including costs, of associated self-monitoring reports relative to the benefits to be obtained from these reports.

3.25.98

Date


Loretta K. Barsamian
Executive Officer